

Patent Abstracts of Japan

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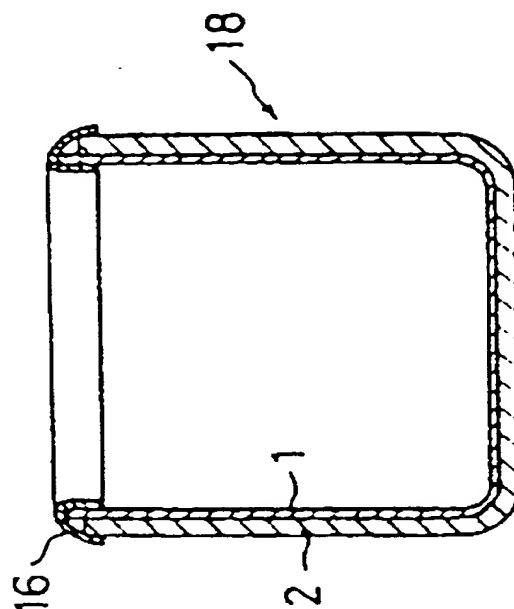
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APPLICANT : TOSHIBA CERAMICS CO LTD;

INVENTOR : KUSAKA HITOSHI;

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TITLE : CRUCIBLE FOR PRODUCING SI
SINGLE CRYSTAL



ABSTRACT : PURPOSE: To prevent the intrusion of SiO vapor between both crucibles by disposing a quartz ring on the upper ends of the crucibles comprising a graphite crucible and a quartz crucible fit into the quartz crucible and enabling to cover the upper ends of the cylindrical side walls of both the crucibles.

CONSTITUTION: A quartz crucible 1 is fit into a graphite crucible 2 to form a crucible 18 for producing single crystal. A quartz ring 16 is disposed on the upper end of the cylindrical side wall of the crucible 18 to cover the upper end of the cylindrical side wall of the quartz crucible 1 and the upper end of the cylindrical side wall of the graphite crucible 2 with the quartz ring 16.

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